

## ABSTRACT

An improved connector capable of transferring both energy and electrical signals  
5 between an energy generator and an energy transfer device is disclosed. The  
connector attaches the energy transfer device to the energy generator by rotation  
about a longitudinal axis. The connector carries at least one contact pad that has a  
surface on a plane parallel to the longitudinal axis. A line passing through the  
10 surface of the contact pad perpendicular to the plane is skew to the longitudinal  
axis, so that rotation of the connector engages the contact pad with conductive  
contacts associated with the energy generator in a direction substantially  
perpendicular to the contact pad.

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